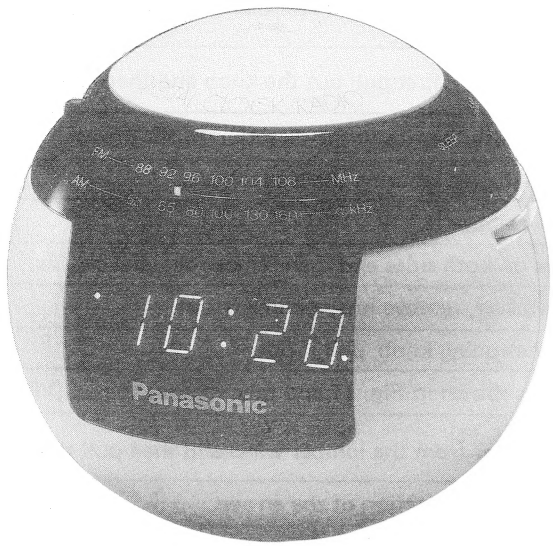
ORDER NO. AD8806167C2

Service Manual

Radio

FM-AM
Digital Clock Radio

RC-70



Color

(WT) .....White Type

Area

Color	Area
(WT)	[Z].....All European areas except [ZE][ZF][ZG][Zi].
(WT)	[ZE].....United Kingdom.
(WT)	[ZF].....France.
(WT)	[ZG] .....F.R Germany.
(WT)	[Zi].....Italy and Finland.

■ SPECIFICATIONS

Frequency Range:	FM; 87.5 ~ 108MHz AM; 520 ~ 1610kHz
Intermediate Frequency:	FM; 10.7MHz AM; 455kHz
Sensitivity:	FM; 8μV/50mW output AM; 100μV/m/50mW output
Power Requirement:	AC; [Z][ZF][ZG][Zi]....AC: 220V, 50Hz [ZE]....AC: 240V, 50Hz Battery; 9V, 006P(6F22/6LR61) for Battery Back-up
Power Output:	350mW ...RMS(Max.)
Power Consumption:	6W(AC Only)
Speaker:	6.5cm PM Dynamic Speaker (16Ω)
Dimensions:	138(W)x127(H)x138(D)mm
Weight:	710g Without battry

Design and specifications are subject to change without notice.

Matsushita Electric Industrial Co., Ltd.
Central P.O. Box 288, Osaka 530-91, Japan

Panasonic

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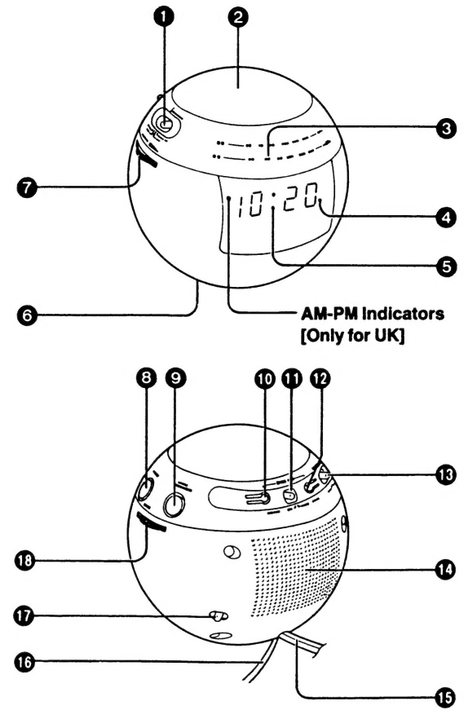
LOCATION OF CONTROLS



1. Mode Selector (SELECTOR)
2. Doze/Sleep Cancel Button (DOZE/SLEEP CANCEL)
3. Radio On Indicator
4. Alarm Indicator (AL)
5. Clock Display
6. Back-up Battery Compartment
7. Volume Control (VOLUME)
8. Alarm Display/Cancel Button (ALARM DISP/CANCEL)
9. Sleep Button (SLEEP)
10. Minute Set Button (MINUTE)
11. Time Set Selector (TIME SET)
12. Hour Set Button (HOUR)
13. Brightness Selector (BRIGHTNESS)
14. Speaker
15. AC Power Cord
16. FM Antenna Cord
17. Band Selector (BAND)
18. Tuning Control (TUNE)

PRECAUTIONS

For your safety and to prevent damage to the set:
- Do not connect the set to an AC outlet other than one supplying the specified voltage.
- Avoid cuts, scratches, or poor connections in the AC Power Cord which may result in possible fire or electric shock hazard. Also excessive bending, pulling, or splicing of the cord should be avoided.
- Do not unplug the AC Power Cord by pulling on the cord. To do so may cause premature failure or shock hazard.

HELPFUL HINTS

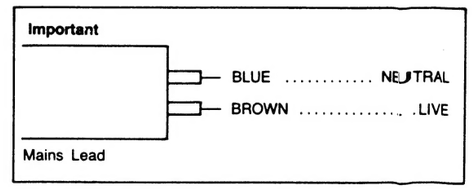
- Keep the set away from heating devices and electrical noise generating devices such as fluorescent lamps and motors.
- The set should be kept free from dust, moisture, and vibration, and should not be exposed to direct sunlight.
- Do not clean the plastic cabinet with benzine or thinner. Clean it with a mild solution of soap and water.
- Avoid spray-type insecticides. Some insecticides contain chemicals that could cause cabinet deformation.

FOR YOUR SAFETY

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

■ Do not Remove Outer Cover.
To prevent electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

■ AC Mains Lead Connection (For UK)
The wires in the mains lead of this apparatus are coloured in accordance with the following code.



As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminals in your plug proceed as follows: The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

The Name Plate of this set is located on the bottom.

▼ Be sure to fold at the (▼) mark so that the mark is on the outside.

DISASSEMBLY INSTRUCTIONS (Arrows show the direction to remove)

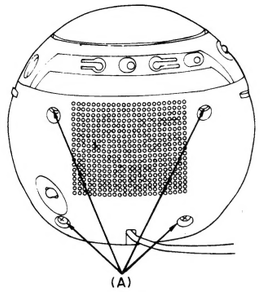


Fig. 1

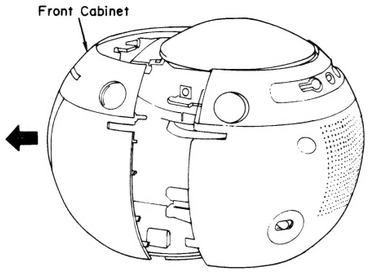


Fig. 2

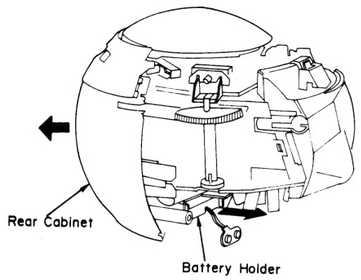


Fig. 3

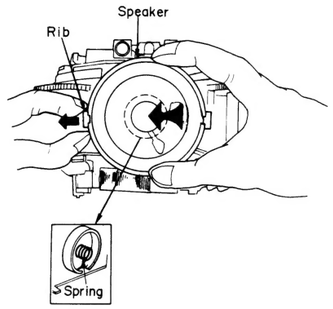


Fig. 4

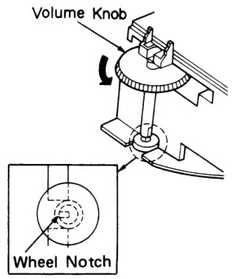


Fig. 5

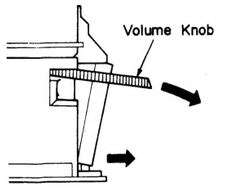


Fig. 6

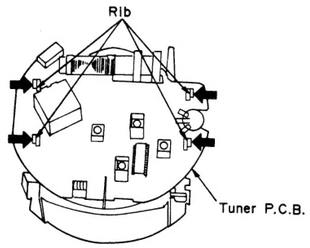


Fig. 7

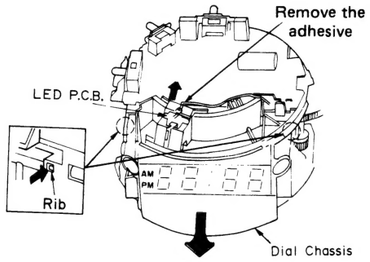


Fig. 8

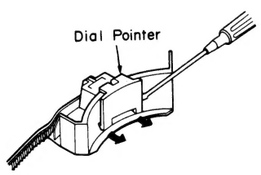


Fig. 9

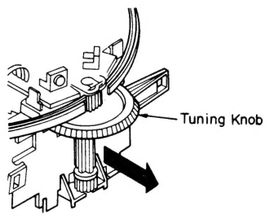


Fig. 10

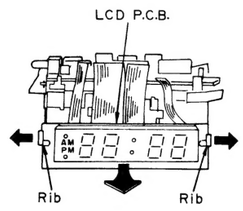


Fig. 11

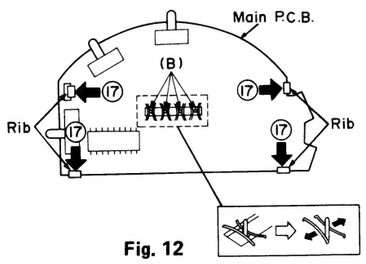


Fig. 12

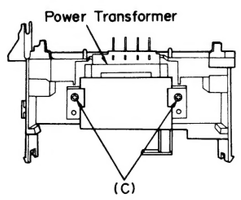


Fig. 13

Step	Shown in Fig. –	To remove –	
①	1	Front Cabinet	Remove screws A . . . . . (3 x 60) mm x 4
②	2		Then remove the cabinet from the unit.
③	3	Rear Cabinet	First remove the battery holder.
④			Them remove the cabinet from the unit.
⑤	4	Speaker (*1)	To remove it, first push it and then pull the rib.
⑥	5	Volume knob	Turn the knob counterclockwise and then position the wheel with its notch.
⑦	6		To remove the knob, first pull out the knob and then the shaft.
⑧	7	Tuner P.C.B.	To remove it, push the ribs in the direction of the arrows.
⑨	8	LED P.C.B.	Remove the adhesive securing the lead wire.
⑩			Pull it out to remove it.
⑪	8	Dial chassis	Push the ribs on both sides and then remove the dial chassis.
⑫	9	Dial Pointer	With a screwdriver, remove it by pulling it out.
⑬	10	Tuning Knob	To remove the tuning knob, pull it out.
⑭	11	LCD P.C.B.	Pull the ribs as shown in Fig. 11 and then remove the LCD P.C.B.
⑮	12	Main P.C.B.	Remove the solder from the jumper wires and then pull them apart.
⑯			Push the ribs in the direction of the arrows.
⑰	13	Power Transformer	Remove screws C . . . . . (3 x 12) mm x 2

(*1) Remove the speaker as shown in Fig. 4 at this time, be careful not to lose the spring.

■ How to Replace the Main P.C.B.

1. Install the ornament in switch S102.
2. Secure the main board in place with rib A and then push the main board downward.
3. Then arrange the jumper wires on the main board and the wires from power transformer as shown in Fig. 14 (a).
4. With a pair of pliers, bend the jumper wires on the main board as shown in Fig.14 (b). and then solder them.

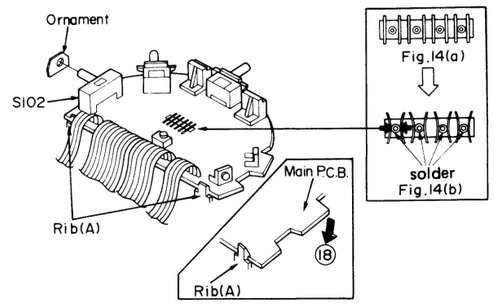


Fig. 14

■ PLACEMENT OF WIRING ASSEMBLING THE BATTERY LEAD AND LCD P.C.B.

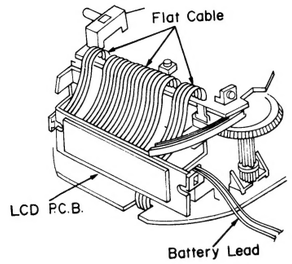
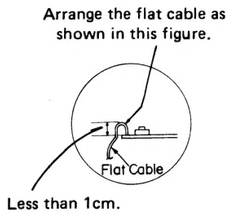


Fig. 15



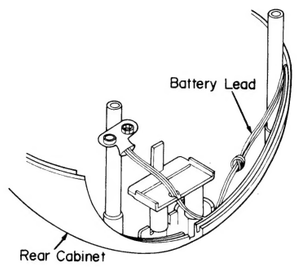


Fig. 16

■ PLACEMENT OF WIRING ASSEMBLING THE AC CORD

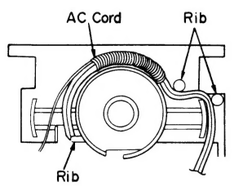


Fig. 17

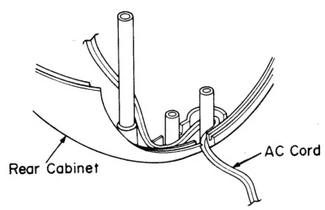


Fig. 18

■ PLACEMENT OF WIRING ASSEMBLING THE SPEAKER LEAD

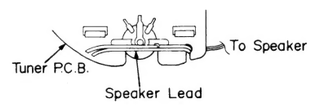


Fig. 19

■ 0 (ZERO) POINT ADJUSTMENT

1. Turn the tuning knob fully clockwise.
2. Install the dial pointer after properly aligning it with its groove in the dial chassis.
3. Install the dial chassis in the unit.
4. Insert the LED board in the dial pointer.
5. Secure the lead wires on the LED board with the adhesive (see Fig. 21.)

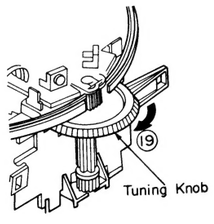


Fig. 20

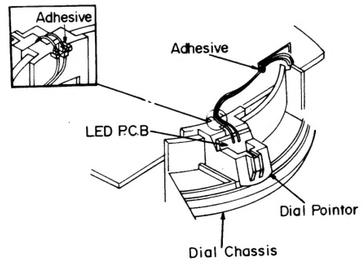


Fig. 21

MEASUREMENTS AND ADJUSTMENTS

■ ALIGNMENT INSTRUCTION

READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT	
1.Set volume control to maximum. 2.Set band switch to AM or FM. 3.Set mode selector to RADIO ON.	4.Ouput of signal generator should not be higher than necessary to obtain an output reading

■ AM-IF ALIGNMENT

SIGNAL GENERATOR or SWEEP GENERATOR		RADIO DIAL SETTING	ELECTRONIC VOLTMETER or OSCILLOSCOPE	ADJUSTMENT (Refer to Fig 1)	REMARKS
CONNECTIONS	FREQUENCY				
Fashion a loop of several turns of wire and radiate signal into loop of receiver.	[Z][ZF][ZG][Zi] .....455kHz [ZE]...470 kHz 30% Mod. at 400Hz	Point of non-interference. (on/about 600 kHz)	Electronic voltmeter across voice coil.	**T3**(AM 1st) **T4**(AM 2nd)	Adjust for maximum output.

■ AM-RF ALIGNMENT

Fashion a loop of several turns of wire and radiate signal into loop of reciver.	[Z][ZE][ZF][ZG] .....511kHz [Zi].....516kHz (f min)	Tuning capacitor fully closed.	Elrctronic voltmeter across voice coil.	**L3**(AM OSC Coil)	Adjust for maximum output.
〃	[Z][ZE][ZF][ZG] .....1,650kHz [Zi].....1,636kHz (f max)	Tuning capacitor fully open.	〃	**CT1-3**(AM OSC Trimmer)	〃
〃	550kHz	Tune to signal	〃	(*1)**L4**(AM ANT Coil)	Adjust for maximum output.Adjust L4 by moving coil along ferrite core.
〃	1,500kHz	〃	〃	**CT1-4**(AM ANT Trimmer)	Adjust for maximum output.
(*1) Fix antenna coil with wax after completing alignment.					

■ FM-IF ALIGNMENT

Connect to test point **TP1**.through ceramic capacitor (0.001μF) Negative side to test point **TP2**.	10.7MHz (Sweep)	Point of non-interference (on/about 90MHz)	Connect vert. amp. scope to test point **TP5**. Negative side to test point **TP6**.	**T1**(FM 1st)	Wave form is shown in Fig.3
〃	〃	〃	〃	**T2**(FM 2nd)	Wave form is shown in Fig.4

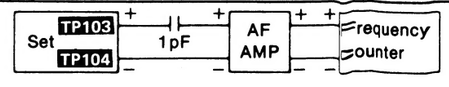
■ FM-RF ALIGNMENT

Connect to test point **TP1**. through FM dummy antenna. Negative side to test point **TP2**.	[Z][ZE][ZF] .....86.2MHz [ZG][Zi] .....87.35MHz (f min)	Variable capacitor fully closed.	Elrctronic voltmeter across voice coil	**L2**(FM OSC coil)	(*2)Adjust for maximum output.
〃	[Z][ZE][ZF] .....109.2MHz [ZG][Zi] .....108.25MHz (f max)	Variable capacitor fully open.	〃	**CT1-1**(FM OSC Trimmer)	〃
〃	106MHz	Tune to signal	〃	**CT1-2**(FM ANT Trimmer)	〃
(*2) Three output responses will be present;proper tuning is the center frequency.					

■ BATTERY BACK-UP CIRCUIT ALIGNMENT

DC POWER SUPPLY		FREQUENCY COUNTER	ADJUSTMENT (Refer to Fig.2)	REMARKS
CONNECTIONS	VOLTAGE			
(+)Side .. **TP103** (–)Side ... **TP104**	9 Volts	(+)Side ..... **TP101** (–)Side **TP102**	VR101 (Semi-fixed)	● Adjust VR101 for 900±15 Hz on frequency counter reading. (*3,4,5)

*3. Connect 1pF capacitor to the test point **TP101**.
*4. Amplify its out signal by using the AF Amp.
*5. Measure the frequency.



SCHEMATIC DIAGRAM (See pages 11 and 12 for Parts Numbers)

Notes:

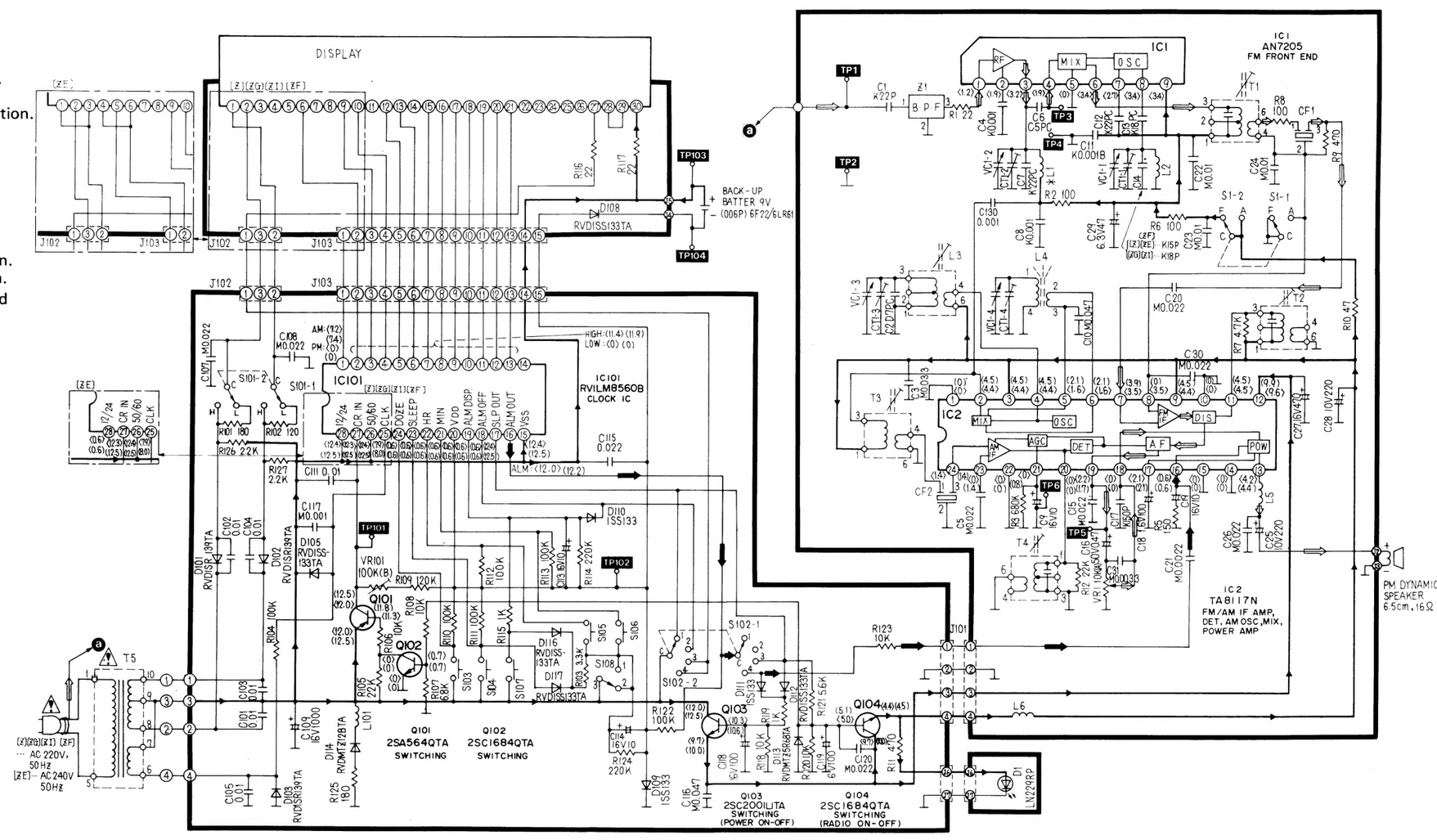
1. S1-1, S1-2 : Band select switch in "FM" position. (F . . . FM, A . . . AM)
2. S101-1, S101-2 : Brightness switch in "LOW" position. (L ... LOW, H ... HIGH)
3. S102-1, S102-2 : Selector switch in "RADIO ON" position. (1 ... RADIO ON, 2 ... OFF, 3 ... ALARM RADIO, 4 ... ALARM BUZZER)
4. S103 : Doze switch in "OFF" position.
5. S104 : Sleep switch in "OFF" position.
6. S105 : Hour set switch in "OFF" position.
7. S106 : Minute set switch in "OFF" position.
8. S108 : Alarm Disp switch in "OFF" position.
9. S108 : Time set switch in "LOCK" position.
10. * L1 is a coil formed on the P.C.B. and is thus not found on the replacement part list.
11. The mark (▼) shows test point. e.g. TP1 = test point 1. DC voltage measurement are taken with electronics Voltmeter from negative line.

< > ..... FM position. ( ) ..... AM position.

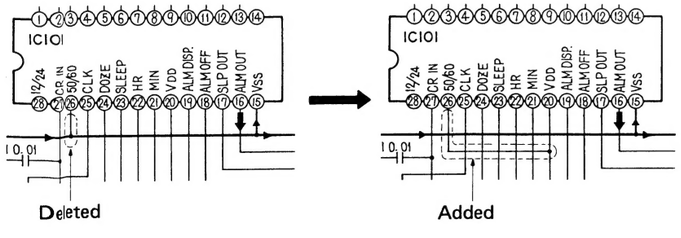
→ + ⓑ Voltage Line

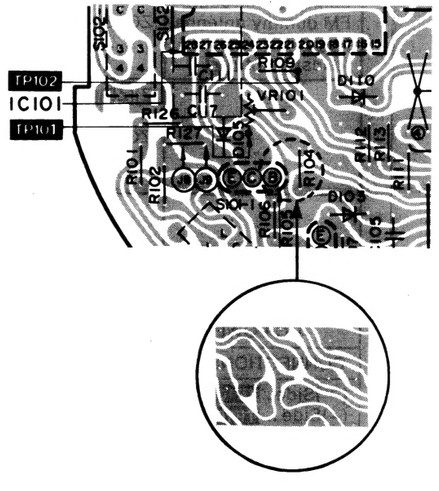
⇨ Radio (FM) signal Line.

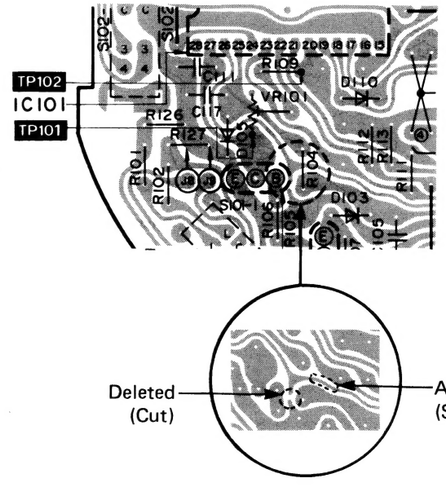
Important safety notice
Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

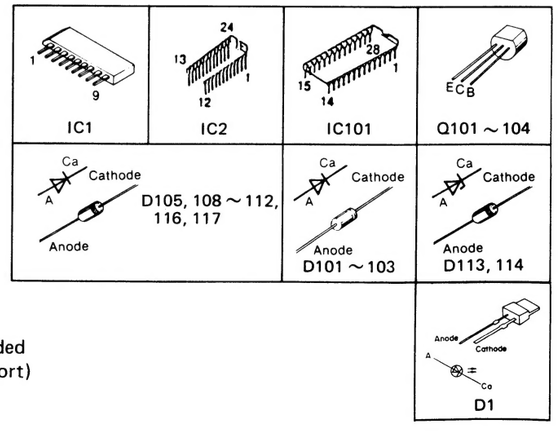


HOW TO USE IN 60Hz TERRITORY

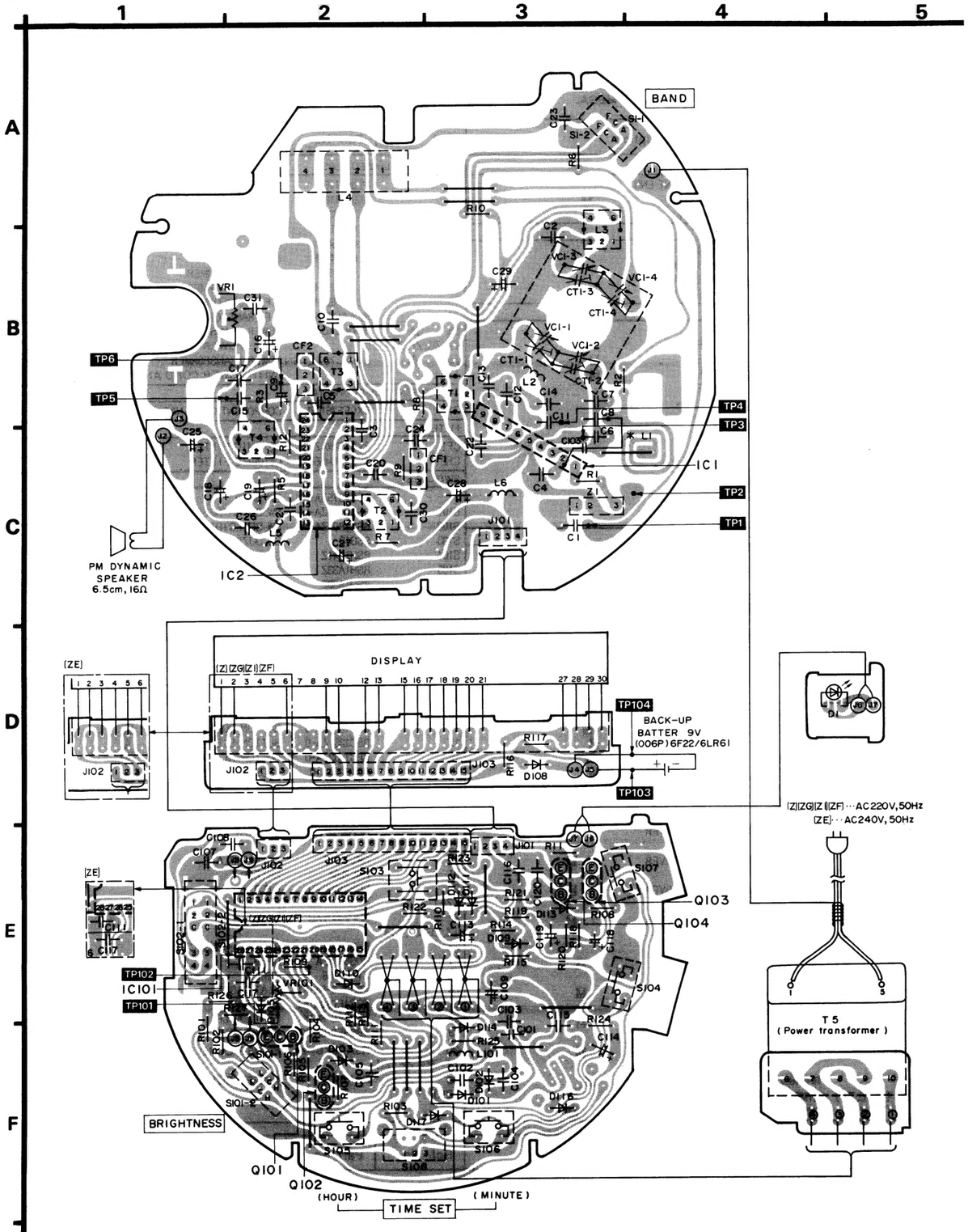








CIRCUIT BOARD AND WIRING CONNECTION DIAGRAM



■ ALIGNMENT POINTS

Please refer to Circuit Board and Wiring Connection Diagram for test point location.

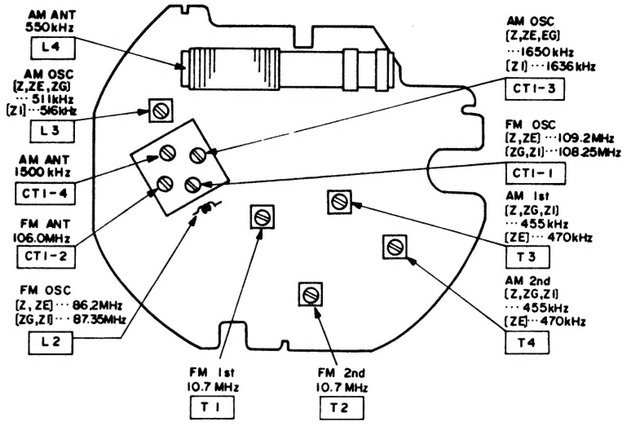


Fig. 1

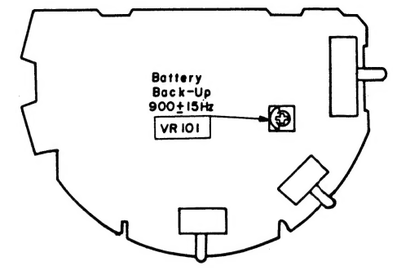
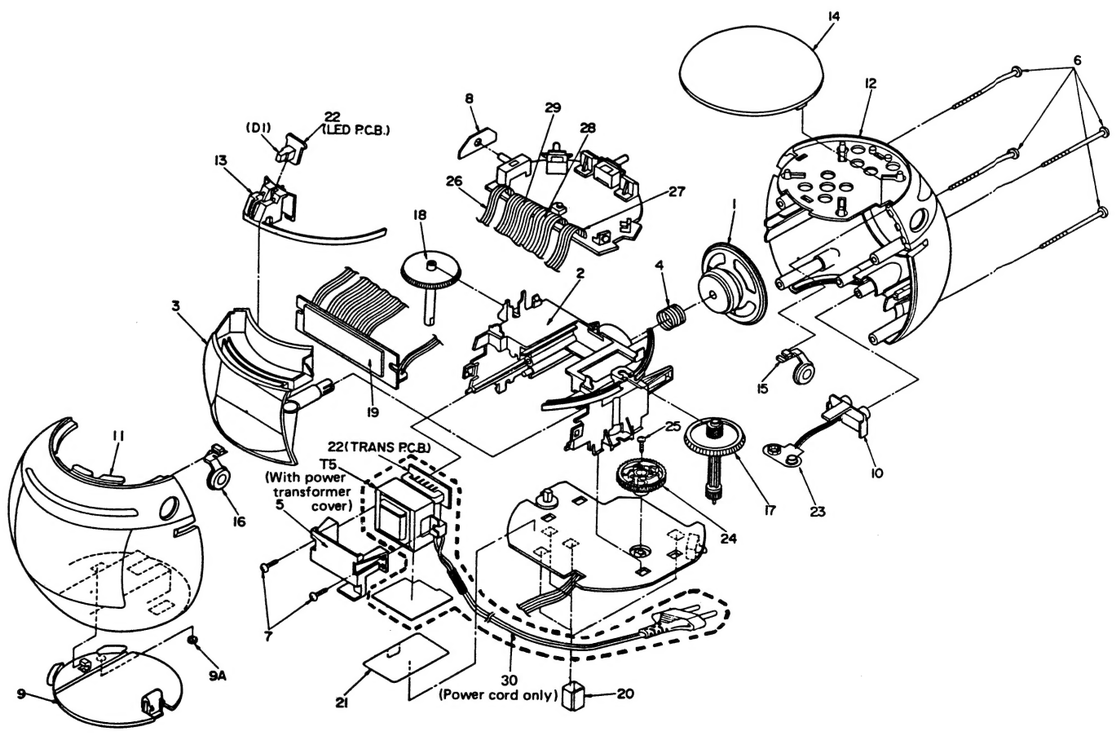


Fig. 2

Fig. 3

Fig. 4

CABINET PARTS LOCATION (See psge 12 for Parts Numbers)



■ RESISTORS & CAPACITORS

Notes : * Important safety notice :
Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.
* Bracketed indications in Ref. No. columns specify the area. (Refer to the first page for area.)
Parts without these indications can be used for all areas.

Numbering System For Resistors

Example:

ERD	25	F	J	102
Type	Wattage (1/4W)	Shape	Tolerance	Value (1KΩ)
ERX	2	AN	J	471
Type	Wattage (2W)	Shape	Tolerance	Value (470Ω)

Numbering System For Capacitors

Example:

ECKD	1H	102	Z	F
Type	Voltage (50V)	Value (0.001μF)	Tolerance	Unique
ECEA	50	M		330
Type	Voltage (50V)	Characteristics		Value (33μF)

● Capacity values are in microfarads (μF) unless specified otherwise, P = Pico-farads (pF) F = Farads (F).
● Resistance values are in ohms (Ω), unless specified otherwise, 1K = 1,000Ω, 1M = 1,000kΩ

Resistor Type		Wattage		Tolerance
ERD	: Carbon	10 : 1/8W	12 : 1/2W	J : ±5%
ERG	: Metal Oxide	14 : 1/4W	25 : 1/4W	F : ±1%
ERQ	: Fuse Type Metal	1A : 1W	18 : 1/8W	G : ±2%
ERX	: Metal Film	S2 : 1/4W	S1 : 1/2W	J : ±5%
ERD L	: Carbon (chip)	2F : 1/4W	50 : 1/2W	K : ±10%
ERO K	: Metal Film (chip)	2A : 2W	3A : 3W	M : ±20%
ERC	: Solid	6G : 1/10W	8G : 1/8W	
ERF	: Incombustible Box-Shaped			
ERM	: Wire-Wound			
RRJ	: Chip Resistor			
ERJ	: Chip Resistor			

Capacitor Type		Voltage		Tolerance
ECE	: Electrolytic	0J : 6.3V	1A : 10V	K : ±10%
ECCD	: Ceramic	1C : 16V	1E : 25V	M : ±20%
ECKD	: Ceramic Capacitor	1H : 50V	1V : 35V	Z : +80 % −20
ECQM	: Polyester	50 : 50V	05 : 50V	J : ±5%
ECQP	: Polypropylene	2H : 500V	2A : 100V	G : ±2%
ECG	: Ceramic	1 : 100V	1J : 63V	F : ±1%
ECEA N	: Non Polar Electrolytic	KC : 400V AC		C : ±0.25pF
QCU	: Ceramic (Chip Type)	KC : 125V AC (UL)		D : ±0.5pF
ECUX	: Ceramic (Chip Type)			
ECF	: Semiconductor			
EECW	: Liquid electrolyte double layer capacitor			

Ref. No.	Part No.	Value.
RESISTORS(VALUE,WATTAGE)		
R1	ERDS2TJ220T	22 1/4
R2	ERDS2TJ101	100 1/4
R3	ERDS2TJ684	680K 1/4
R5	ERDS2TJ151	150 1/4
R6	ERDS2TJ101	100 1/4
R7	ERDS2TJ472	4.7K 1/4
R8	ERDS2TJ101	100 1/4
R9	ERDS2TJ471	470 1/4
R10	ERDS2TJ470	47 1/4
R11	ERDS2TJ331	330 1/4
R12	ERDS2TJ223	22K 1/4
R101	ERDS2TJ181	180 1/4
R102	ERDS2TJ121	120 1/4
R103	ERDS2TJ332	3.3K 1/4
R104	ERDS2TJ104	100K 1/4
R105	ERDS2TJ223	22K 1/4
R106	ERDS2TJ103	10K 1/4
R107	ERDS2TJ682	6.8K 1/4
R108	ERDS2TJ103	10K 1/4
R109	ERDS2TJ124	120K 1/4
R110	ERDS2TJ104	100K 1/4
R111	ERDS2TJ104	100K 1/4
R112	ERDS2TJ104	100K 1/4
R113	ERDS2TJ104	100K 1/4
R114	ERDS2TJ224	220K 1/4
R115	ERDS2TJ102	1K 1/4
R116	ERDS2TJ220T	22 1/4
R117	ERDS2TJ220T	22 1/4
R118	ERDS2TJ103	10K 1/4
R119	ERDS2TJ102	1K 1/4
R120	ERDS2TJ103	10K 1/4
R121	ERDS2TJ562	5.6K 1/4
R122	ERDS2TJ104	100K 1/4
R123	ERDS2TJ103	10K 1/4
R124	ERDS2TJ224	220K 1/4
R125	ERG12ANJ181	180 1/2
R126	ERDS2TJ222	2.2K 1/4
R127	ERDS2TJ222	2.2K 1/4
CAPACITORS(VALUE,VOLTAGE)		
C1	ECCT1H220KC	22P 50
C2	ECCF1H070CC	7P 50
C3	ECFT1C333MD	0.033 16
C4	ECKF1H102KB	0.001 50
C5	ECFT1C223MD	0.022 16
C6	ECCD1H050CC	5P 50
C7	ECCT1H180KC	18P 50
C8	ECKF1H102KB	0.001 50
C9	ECEA1CU100	10 16
C10	ECFV1E473MD	0.047 25
C11	ECKF1H102KB	0.001 50
C12	ECCT1H220KC	22P 50
C13	ECCT1H180KC	18P 50
C14	ECCT1H150KC	15P 50
C15	ECFT1C223MD	0.022 16
C16	ECEA50ZR47E	0.47 50
C17	ECCT1H151K	150P 50
C18	ECEA1CU101	100 16
C19	ECEA1CU100	10 16
C20	ECFT1C223MD	0.022 16
C21	ECKV1H222MD	0.0022 50
C22	ECFT1C103MD	0.01 16
C23	ECFT1C103MD	0.01 16
C24	ECFT1C103MD	0.01 16
C25	ECEA1AU221	220 10
C26	ECFT1C223MD	0.022 16
C27	ECEA1CU471E	470 16
C28	ECEA1AU221	220 10
C29	ECEA1AU470	47 10
C30	ECFT1C223MD	0.022 16
C31	ECKT1H332MD	0.0033 50
C101	ECKD1H103ZF	0.01 50
C102	ECKD1H103ZF	0.01 50
C103	ECKD1H103ZF	0.01 50
C104	ECKD1H103ZF	0.01 50
C105	ECKD1H103ZF	0.01 50
C107	ECFT1C223MD	0.022 16
C108	ECFT1C223MD	0.022 16
C109	ECEA1CS102	1000 16
C111	ECQG1H103KZ	0.01 50
C113	ECEA1CU100	10 16
C114	ECEA1CU100	10 16
C115	ECKD1H223ZF	0.022 50
C116	ECFV1E473MD	0.047 25
C117	ECKD1H102MD	0.001 50
C118	ECEA1CU101	100 16
C119	ECEA0JU101B	100 6.3
C120	ECFT1C223MD	0.022 16
C130	ECKV1H102MD	0.001 50

■ REPLACEMENT PARTS LIST

Notes : * Important safety notice :
Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.
* Bracketed indications in Ref. No. columns specify the area. (Refer to the first page for area.)
Parts without these indications can be used for all areas.
* Ⓜ Indicates parts that are supplied by **MESA.**

Ref. No.	Part No.	Description	
INTEGRATED CIRCUITS			
IC1	AN7205	I.C, FM FRONT END	
IC2	RVITA8117N	I.C, POWER	Ⓜ
IC101	RVILM8560B	I.C, CLOCK	
TRANSISTORS			
Q101	2SA564Q	TRANSISTOR	
Q102	2SC1685-Q	TRANSISTOR	
Q103	2SD261	TRANSISTOR	
Q104	2SC1685-Q	TRANSISTOR	
DIODES			
D1	LN229RP	L.E.D	
D101	RVD1SR139TA	DIODE	Ⓜ
D102	RVD1SR139TA	DIODE	Ⓜ
D103	RVD1SR139TA	DIODE	Ⓜ
D105	RVD1SS133	DIODE	
D108	RVD1SS133	DIODE	
D109	RVD1SS133	DIODE	
D110	RVD1SS133	DIODE	
D111	RVD1SS133	DIODE	
D112	RVD1SS133	DIODE	
D113	RVDMTZ5R6B	DIODE	
D114	RVDMTZ12B	DIODE	
D116	RVD1SS133	DIODE	
D117	RVD1SS133	DIODE	
VARIABLE RESISTORS			
VR1	EVL54A851A14	V.R, VOLUME	Ⓜ
VR101	EVND4AA00B15	V.R, SEMI-FIXED	
VARIABLE CAPACITORS			
VC1	RCV4LC2VK	VARICON	

Ref. No.	Part No.	Description	
COILS AND TRANSFOMERS			
L2	RL04Y116	OSCILLATOR COIL FM	Ⓜ
L3	RL02B118-M	OSCILLATOR COIL AM	
L4	RLF2C63	BAR ANTENNA	Ⓜ
L5	RLQZR101K	CHOKE COIL	
L6	RLQY15G5	COIL	
L101	RLQZL4R7K	CHOKE COIL	
T1	RLI4B153	I.F.TRANSFORMER	
T2	RLI4B556-M	I.F.TRANSFORMER	Ⓜ
T3	RLI2B467-M	I.F.TRANSFORMER	
T4	RLI2B467-M	I.F.TRANSFORMER	
T5 ⚠ (Z, ZG, ZF, ZI)	RWAC70ZKSN	POWER TRANSFORMER (WITH POWER CORD AND TRANS COVER)	Ⓜ
T5 ⚠ (ZE)	RWAC70ZEKSN	POWER TRANSFORMER (WITH POWER CORD AND TRANS COVER)	Ⓜ
COMPONENT COMBINATIONS			
Z1	EXCFF76108L	COMPONENT COMBINATION	
FILTERS			
CF1	RVF107WAZ	CERAMIC FILTER	
CF2	RVFSFU455B	CERAMIC FILTER	
SWITCHES			
S1	RSS2B75ZA-H	SW, BAND	Ⓜ
S101	RSS2B75ZA-H	SW, BRIGHTNESS	Ⓜ
S102	RSS4B07ZA-H	SW, SELECTOR	Ⓜ
S103	SSG13	SW, DOZE	
S104	RSH1A41Z	SW, SLEEP	Ⓜ
S105	RSH1A33Z	SW, HOUR	
S106	RSH1A33Z	SW, MINUTE	
S107	RSH1A41Z	SW, ALARM	Ⓜ
S108	RSS2B75ZA-H	SW, ADJ/LOCK	Ⓜ

Ref. No.	Part No.	Description	
CABINET AND CHASSIS			
1	RAS65P13ZA-F	SPEAKER	Ⓜ
2	RUA847ZA20	CHASSIS	Ⓜ
3	RUA848ZA-0	COVER	Ⓜ
4	RUQ110ZA	SPRING	Ⓜ
5	RUV828ZA	COVER	Ⓜ
6	XTN3+60GFN	SCREW	
7	XTV3+12G	SCREW	
8	RHP2122ZA	PLATE	Ⓜ
9 (ZE)	RYNC70ZEKSN8	BATTERY COVER	Ⓜ
9 (ZG)	RYNX70ZGKSN8	BATTERY COVER	Ⓜ
9 (ZI)	RYNC70ZIKSN8	BATTERY COVER	Ⓜ
9 (Z, ZF)	RYNC70ZKSN8	BATTERY COVER	Ⓜ
9A	RHG1SZA	FELT	
9B (ZI)	RGT1368WA-8	NAME PLATE	Ⓜ
9B (ZG)	RGT1368XA-8	NAME PLATE	Ⓜ
9B (ZE)	RGT1368YA-8	NAME PLATE	Ⓜ
9B (Z, ZF)	RGT1368ZA-8	NAME PLATE	Ⓜ
10	RHR185ZA	HOLDER	Ⓜ
11 (Z, ZE, ZF)	RYMC70MKSN8	FRONT CABINET	Ⓜ
11 (ZG, ZI)	RYMC70ZGKSN8	FRONT CABINET	Ⓜ
12	RYFC70MKSN8	REAR CABINET	Ⓜ
13	RDP349ZA-0	DIAL POINTER	Ⓜ
14	RBC1330ZA-0	BUTTON, DOZE	Ⓜ
15	RBC1331ZA-0	BUTTON, SLEEP	Ⓜ
16	RBC1332ZA-0	BUTTON, ALARM	Ⓜ
17	RBT323ZA-0	KNOB, TUNE	Ⓜ
18	RBT324ZA-0	KNOB, VOLUME	Ⓜ
19 (ZE)	SL204227T	DISPLAY	Ⓜ
19 (Z, ZG, ZF, ZI)	SL204230T	DISPLAY	Ⓜ
20	RMC1028Z	SHIELD PLATE	
21	RMC228A	SHIELD	
22 (ZE)	RUP2460XAU	P.C.B	Ⓜ
22 (Z, ZG, ZF, ZI)	RUP2460YAU	P.C.B	Ⓜ
23	RJB5009XA-1	BATTERY CONNECTOR	Ⓜ
24	RDG5889ZA	DRUM	Ⓜ
25	XYN26+C6	SCREW	
26	WBB3EC-8K1K1	FLAT CABLE	Ⓜ
27	WBB4EC10K1K1	FLAT CABLE	Ⓜ
28	WBB6EC-8K1K1	FLAT CABLE	
29	WBB9EC-8K1K1	FLAT CABLE	Ⓜ
30 ⚠ [Z, ZG, ZF, ZI]	RJA23YB-K	POWER CORD	
30 ⚠ [ZE]	RJA87Z	POWER CORD	

Ref. No.	Part No.	Description	
PACKING MATERIAL			
P1	RPH639ZA	POLYETHYLENE COVER	Ⓜ
P2	RPN5523ZA	PAD	Ⓜ
P3	RPK2747ZA	CARTON BOX	Ⓜ
ACCESSORIES			
A1	RQX5164ZA	INSTRUCTION MANUAL	Ⓜ

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An

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Bitte ändern Sie im Service Manual für NV-MC10EG :

Anhang Ersatzteil-Liste, Seite 4

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Deutschland GmbH

-Ersatzteil-Wesen-

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Deutschland GmbH

- Ersatzteilwesen -

z. Hd. ERSATZTEILDIENST

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